

**TENNESSEE WILDLIFE RESOURCES AGENCY
EDUCATION REQUIREMENTS FOR
WILDLIFE OFFICER 1 AND WILDLIFE MANAGER 1**

Basic B.S. Wildlife Degrees:

- 1.) Wildlife or Fisheries Management
- 2.) Wildlife or Fisheries Biology
- 3.) Vertebrate Biology or Vertebrate Zoology

The following related B.S. degrees will be acceptable if the applicant's college transcript reflects that the individual has successfully completed at least thirty (30) quarter hours or twenty (20) semester hours of wildlife related coursework.

- 1.) General Zoology
- 2.) General Biology
- 3.) Forestry
- 4.) Ecology

In addition to the above related B.S. degrees, the following B.S. degrees will be accepted provided that in addition to the thirty (30) quarter hours or twenty (20) semester hours of wildlife related coursework, an additional twenty-four (24) quarter hours or sixteen (16) semester hours of basic Zoology, Biology and Chemistry courses will be required.

- 1.) Agriculture
- 2.) Agricultural Science
- 3.) Animal Science

The following courses will be acceptable as meeting the minimum hours as stated in the above paragraph:

Wildlife and Fisheries Science Courses

- (a) Current Events in Wildlife
- (b) Wildlife Management
- (c) Wildlife Law Enforcement
- (d) Game Mammals
- (e) Game Birds
- (f) Fish Populations
- (g) Fish Management
- (h) Wildlife Diseases
- (i) Biopolitics
- (j) Aquatic Microbiology
- (k) Farm Pond Management
- (l) Animal Nutrition
- (m) Fish Management Techniques

Zoology Courses (in the natural resource field specifically)

- (a) Ichthyology
- (b) Mammalogy
- (c) Ornithology
- (d) Herpetology
- (e) Vertebrate Zoology
- (f) Invertebrate Zoology
- (g) Parasitology
- (h) Ethology
- (i) Comparative Anatomy
- (j) Limnology
- (k) Aquaculture
- (l) Animal Physiology
- (m) Vertebrate Anatomy
- (n) Animal Taxonomy
- (o) Wildlife Population Dynamics
- (p) Water Bacteriology
- (q) Aquatic Insects
- (r) Aquatic Plants
- (s) Phycology

Ecology Courses

- (a) Wildlife Ecology
- (b) Field Techniques in Ecology
- (c) Forest Ecology
- (d) Aquatic Ecology
- (e) Watershed Management

Biological Sciences (Advanced Courses)

- (a) Genetics
- (b) Field Botany (Plant Identification)
- (c) Dendrology (Woody Plant Identification)
- (d) Basic Soils and Forest Soils
- (e) Plant Taxonomy
- (f) Silviculture
- (g) Plant Physiology
- (h) Plant Pathology
- (i) Mensuration
- (j) General Taxonomy

Math (Specific to the study of Animal Populations)

- (a) Biometry
- (b) Wildlife Statistics
- (c) Biostatistics

Special Subjects

- (a) Special Problems in Wildlife Management
- (b) Special Problems in Wildlife Biology or Wildlife Biology or
Wildlife related problems in Zoology
- (c) Thesis (Wildlife oriented)
- (d) Wildlife Techniques, Biological Instrumentation
- (e) Seminars in Wildlife Management
- (f) Technical Report Writing
- (g) Pollution